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PATENT

Practitioner's Docket No. 061607-1500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,993,067

Issued: January 31, 2006

Name of Patentee: Betts, et al.

Title of Invention: Fractional Bit Rate Encoding In a Pulse Amplitude Modulation Communication System

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Certificate

MAR 28 2006

Attention: Decision and Certificate of Correction  
Branch of the Patent Issue Division

of Correction

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

- Attached, in duplicate, is PTO/SB/44 (also Form PTO-1050), with at least one copy being suitable for printing.

*NOTE: Form PTO-1050 (or PTO/SB/44), using the column and line number in the printed patent, should be used exclusively regardless of the length or complexity of the subject matter. M.P.E.P. § 1485, 7<sup>th</sup> ed.*

*NOTE: The patent grant should be retained by the patentee. The PTO does not attach the certificate of correction to the patentee's copy of the patent. The patent grant will be returned to the patentee if submitted. M.P.E.P. § 1485.*

- The exact page and line number where the errors are shown correctly in the application file are:

Specification, page 10, line 12  
Specification, page 10, line 17  
Specification, page 12, line 12  
Specification, page 15, line 1

MAR 29 2006

3. Please send the Certificate to:

Name: **Scott A. Horstemeyer**

Address: Thomas, Kayden,  
Horstemeyer, & Risley, L.L.P.  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339



**SIGNATURE OF PRACTITIONER**

**Karen G. Hazzah, Reg. No. 48,472**

*(type or print name of practitioner)*

Tel. No.: **(770) 933-9500**

Thomas, Kayden,  
Horstemeyer, & Risley, L.L.P.  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339

Customer No.: 24504

NOTE: The certificate of correction, under 35 U.S.C. 254, may be issued at the request of the patentee or [the patentee's] assignee." 37 C.F.R. §1.322(a). The certificate of correction can be signed by the attorney of record who acts on behalf of the inventor(s) or assignee(s).

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

Patent No.: 6,993,067  
 Dated: January 31, 2006  
 Inventor(s): Betts, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below

**Column 6**

Line 4, delete “ $4*2^{(K-)}$ ” and insert “ $4*2^{(K-1)}$ ”.

**Column 6**

Lines 9-10, delete “ $M_s >= 2S*K$ ” and insert “ $M^s >= 2^{S*K}$ ”.

**Column 7**

Line 15, delete “ $X_3(m+1)2^3$ ” and insert “ $X_3(m+1)2^3$ ”.

**Column 9**

Line 15, delete “G.shds1” and insert “G.shdsl”.

MAILING ADDRESS OF SENDER:

Patent No.: 6,993,067

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.  
 100 Galleria Parkway, Suite 1750  
 Atlanta, Georgia 30339

No. of additional copies  
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This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.13. The collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, U.S. Patent and Trademark Office, P.O. Box 1450, Arlington, Virginia 22313-1450 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and selection option 2.*

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**Column 7**

Line 15, delete “ $X_3(m+1)23$ ” and insert “ $X_3(m+1)2^3$ ”.

**Column 9**

Line 15, delete “G.shds1” and insert “G.shds1”.

MAILING ADDRESS OF SENDER:

Patent No.: 6,993,067

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.  
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## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

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on March 21, 2006.

A handwritten signature in cursive ink that reads "Anne Antonoff".

Anne Antonoff

In re Patent of: Betts, et al.

Our Reference Number: 061607-1500

U.S. Patent No: 6,993,067

Issue Date: January 21, 2006

**Title: Fractional Bit Rate Encoding In A Pulse Amplitude Modulation Communication System**

The following is a list of documents enclosed:

Return Postcard  
Request for Certificate of Correction  
Certificate of Correction (& Original Duplicate)

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